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IDENTIFIER:

TITLE: Irradiating device used for treating acne comprises a radiation source emitting a broad band spectrum in a specified region and operating in the pulse manner

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INVENTOR-INFORMATION:

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OPTOMED OPTOMEDICAL SYSTEMS GM DE

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ABSTRACT:

CHG DATE=20030114 STATUS=N>Irradiating device comprises a radiation source (2) emitting a broad band spectrum in the region of 320-670 nm and operating in the pulse manner with an energy of less than 3 J/cm² and a power density of less than 2 W/cm². An Independent claim is also included for a process for the treatment of acne using the above irradiating device. Preferred Features: A luminescent material film (8) is arranged in front of the radiation source and consists of a silicone elastomer doped with inorganic luminescent material particles, e.g. Sr₂P₂O₇ fluorescing in the spectral region of 410-490 nm.